

1045W 890N 18E Sec. 23 - 25S - 25E
Bourbon Co., Kansas
Oper. Shell Oil 109-C

140-146 U. Bluejacket Interval
140-180 L. Bluejacket
188-236 U. Warner Interval
2

Footage	Unit No.	Lithology	Contact	Color	Sedimentary Structures			Texture			Fossils	Accessory Constit.	Porosity	Interpreted Dep. Envir.	Remarks	Photo Chemical X-Ray Peel Thin Sections
					Bedding		Chemical	Organic	Other Structures	Sorting	Cement	Pyrite Siderite				
					Horizontal	C. Lam.										
					Massive Thick Medium Thin Laminated Wavy Interstratified Flaser	Large Medium Small Low Angle Ripple										
140			lt. Gray Sharp M. Gray	✓ ✓			0	III	✓	Well		✓		Disseminated Pyrite		
160			lt. Gray M. Gray	✓ ✓	✓		0	II	✓	Well		✓		Horizontal Burrowing Shallower Sequence grades from shale to fine sand being more sandy upward		
180			lt. Gray	✓	✓		0	II	✓			✓				
200			lt. Gray to dk. Gray	✓	✓	✓		II	✓	Well		✓		Oil staining Shallow Marine?		
220			M. Gray	✓	✓	✓		II	✓	Well		✓		Disseminated Pyrite		
240			Sharp lt. Gray dk. Gray	✓ ✓	✓	✓	0 AB AB 0	II III III	✓ ✓ ✓	Well		✓ ✓ ✓		Fining ↑ Subsided 12" coal Under clay Second Underclay		
														Upper interval of lower sand heavily oil stained		

Se = scour markings